

C1  
said coupling network comprises interleaving means responsive to said datastream of MPEG coded data for deriving therefrom at least first and second datastreams, said first datastream being constituted by a first predetermined sequence of interleaved first and second pixel block components and said second datastream being constituted by a second predetermined sequence of interleaved third and fourth pixel block components for producing decoded image information.

C2  
3, (Twice Amended) A system according to claim 1, wherein:  
said interleaving means produces a first datastream of interleaved first and second spatially adjacent pixel block components and a second datastream of interleaved third and fourth spatially adjacent pixel block components.

C3  
7. (Amended) A method for processing a datastream of MPEG coded image representative data, comprising the steps of:  
decoding said data to produce a decoded datastream;  
producing from said decoded datastream a predetermined sequence of interleaved data blocks representing image pixels;  
processing said data blocks; and  
storing data blocks from said processing step; wherein  
said producing step comprises producing multiple datastreams, each datastream having a different predetermined sequence of mutually interleaved pixel block components suitable for either high resolution or reduced data image reproduction modes.

C4  
13. (Amended) A method for processing a datastream of MPEG coded image representative data, comprising the steps of:  
receiving an input datastream of MPEG coded data;  
decoding said input datastream to produce a decoded datastream of data blocks containing pixel representative information;